

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

TOILET CLEANER - EUCALYPTUS (NORMAL)

Date of creation	20. June 2017	Revision no.	
Date of revision		Version	1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier** TOILET CLEANER - EUCALYPTUS (NORMAL)
Substance / mixture mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Intended use of the mixture Cleaning agent

Not recommended use of the mixture

The product should not be used in ways other than those referred in Section 1.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	CHEMOTEX Děčín a.s.
Address	Děčín XXXII - Boletice nad Labem 63, Děčín, 407 11 Czech Republic
Phone	+420412709265
Fax	+420412547200
E-mail	MiluseBolfikova@chemotex.cz

Competent person responsible for the safety data sheet

Name	CHEMOTEX Děčín a.s.
E-mail	MiluseBolfikova@chemotex.cz

1.4 Emergency telephone number

National poisoning information centre UK, tel.: +44 844 892 0111.
National Poisons Information Service Ireland, tel.: +353 1 809 2566.
National poisoning information centre Scotland, tel.: 08454 242424 or 111.
National Poisons Information Service Edinburgh, Royal Infirmary of Edinburgh, Little France Crescent, Edinburgh, EH16 4SA, tel.: +44 131 242 1383.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Eye Irrit. 2, H319

Full text of all classifications and H-phrases is given in the section 16.

The most serious adverse effects on human health and the environment

Causes serious eye irritation.

2.2 Label elements

Hazard pictogram



Signal word

Warning

Standard hazardous statements

H319 Causes serious eye irritation.

Instructions for safe handling

P102 Keep out of reach of children.

P280 Wear protective gloves.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

2.3 Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Name of the substance	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 68891-38-3 EC: 500-234-8 Registration number: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	5-15	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	3
CAS: 5949-29-1 EC: 201-069-1	Citric acid, monohydrate	5-15	Eye Irrit. 2, H319	
Index: 015-011-00-6 CAS: 7664-38-2 EC: 231-633-2 Registration number: 01-2119485924-24-XXXX	acidum phosphoricum	<5	Skin Corr. 1B, H314	1, 2, 3
EC: 931-513-6 Registration number: 01-2119513359-38-0008	COCAMIDOPROPYL BETAINE	<5	Eye Dam. 1, H318 Aquatic Chronic 3, H412	

Notes

- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- Substance for which exposure limits of Community for working environment exist.
- The substance with a specific concentration limit

Full text of all classifications and H-phrases is given in the section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

Ingestion

DO NOT INDUCE VOMITING - even the induced vomiting can cause complications as in case of detergents and other foaming substances. DO NOT INDUCE VOMITING! Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Not expected.

Skin contact

Not expected.

Eye contact

Causes serious eye irritation.

Ingestion

Irritation, nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

water - full jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3 Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2 Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3 Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4 Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3 Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The mixture contains substances for which occupational exposure limits are set.

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European Union

Name of the substance (component)	Type	Time of exposure	Value	Note	Source
acidum phosphoricum (CAS: 7664-38-2)	OEL	8 hours	1 mg/m ³		EU limits
	OEL	Short-term	2 mg/m ³		

United Kingdom of Great Britain and Northern Ireland

Name of the substance (component)	Type	Time of exposure	Value	Note	Source
acidum phosphoricum (CAS: 7664-38-2)	WEL	8 hours	1 mg/m ³		Gestis
	WEL	Short-term	2 mg/m ³		

8.2 Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	liquid
Physical state	liquid at 20°C
color	green
Odour	data not available
Odour threshold	data not available
pH	1-3 (undiluted at 20 °C)
Melting point/freezing point	<0 °C
Initial boiling point and boiling range	>100 °C
Flash point	>100 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	1.02 (water=1)
Solubility(ies)	
solubility in water	easily dissolvable in cold water
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available

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Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	It is not oxidising.

9.2 Other information

Density	1.02 g/cm ³ at 20 °C
auto-ignition temperature	data not available

SECTION 10: Stability and reactivity

10.1 Reactivity

not available

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

Unknown.

10.4 Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5 Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6 Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

acidum phosphoricum

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD 50	1530 mg/kg		Rat	
Dermal	LD 50	2740 mg/kg		Rat	

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD 50	4100 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD 50	>2000 mg/kg		Rat (Rattus norvegicus)	

COCAMIDOPROPYL BETAINE

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD 50	2335 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD 50	>2000 mg/kg		Rat (Rattus norvegicus)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

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Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Data for the mixture are not available.

COCAMIDOPROPYL BETAINE

Parameter	Value	Time of exposure	Species	Environment
LC 50	1.1 mg/kg	96 hour	Fishes (Pimephales promelas)	
LC 50	1.1 mg/kg	96 hour	Fishes (Cyprinodon variegates)	
LC 50	1.9 mg/kg	96 hour	Daphnia (Daphnia magna)	
LC 50	2.4 mg/kg		Algae (Selenastrum capricornutum)	

12.2 Persistence and degradability

Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6 Other adverse effects

Not available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1 UN number

Not subject to ADR.

14.2 UN proper shipping name

not available

14.3 Transport hazard class(es)

not available

14.4 Packing group

not available

14.5 Environmental hazards

not available

14.6 Special precautions for user

Reference in the Sections 4 to 8.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). The Act No. 258/2000 Coll., on Protection of Public Health as amended. Decree No. 361/2007 Coll., determining conditions of occupational health protection as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its determination and implementation of certain other provisions of the Air Protection Act as amended. The Act No. 185/2001 Coll., on Waste and the Amendment of Some Other Acts as amended. The Act No. 201/2012 Coll., on the Protection of Atmosphere – Clean Air Act as amended. Decree No. 80/2014 Coll., amending the Decree No. 194/2001 Coll., laying down technical requirements for aerosol sprays as amended. Decree No. 432/2003 Coll., laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological materials for biological exposure and the particulars of the reports on work with asbestos and biological agents as amended.

15.2 Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

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H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P102 Keep out of reach of children.
P280 Wear protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road
BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL Derived no-effect level
EC50 Concentration of a substance when it is affected 50% of the population
EINECS European Inventory of Existing Commercial Chemical Substances
Ems Emergency plan
ES Identification code for each substance listed in EINECS
EU European Union
IATA International Air Transport Association
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50 Concentration causing 50 % blockade
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods Transport
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LC50 Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50 Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC Lowest observed adverse effect concentration
LOAEL Lowest observed adverse effect level
Log Kow Octanol-water partition coefficient
MARPOL International Convention for the Prevention of Pollution From Ships
MFAG First Aid Manual
NOAEC No observed adverse effect concentration
NOAEL No observed adverse effect level
NOEC No observed effect concentration
NOEL No observed effect level
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PEL Permissible Exposure Limit
PNEC Predicted no-effect concentration
ppm Parts per million
REACH Registration, Evaluation, Authorisation and Restriction of chemicals (EP and Council Regulation (EC) No 1907/2006)
RID Agreement on the transport of dangerous goods by rail

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UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
w/w	Weight by weight
Aquatic Chronic	Hazardous to the aquatic environment
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.